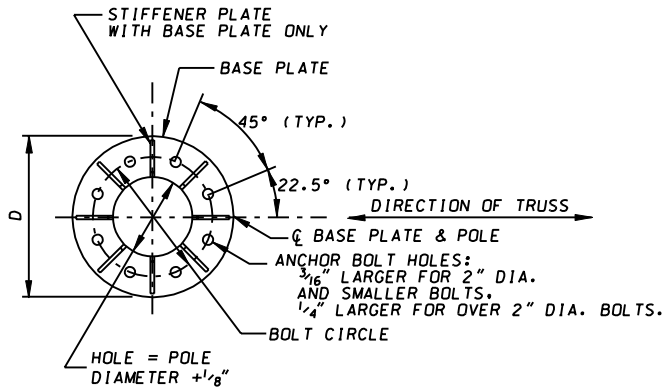
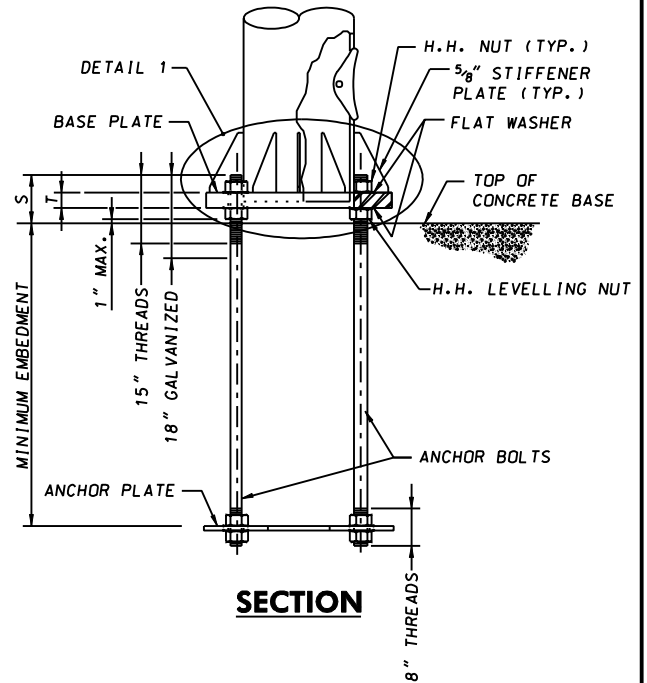


## CANTILEVER STRUCTURE BASE PLATE AND ANCHORAGE DATA

POLE SIZE	D	BOLT CIRCLE	T	S	ANCHOR BOLT DIA.	MINIMUM EMBEDMENT LENGTH	ANCHOR PLATE SIZE
24.00" O.D. x 0.562" THK.	40"	32"	2"	10 <sup>1</sup> / <sub>4</sub> "	2 <sup>1</sup> / <sub>2</sub> "	6'-0"	3 <sup>3</sup> / <sub>4</sub> " x 40" DIA.
24.00" O.D. x 0.625" THK.	41"	32"	2"	11"	2 <sup>3</sup> / <sub>4</sub> "	6'-0"	3 <sup>3</sup> / <sub>4</sub> " x 41" DIA.
24.00" O.D. x 0.688" THK.	42"	32"	2"	11 <sup>3</sup> / <sub>4</sub> "	3"	6'-6"	3 <sup>3</sup> / <sub>4</sub> " x 42" DIA.
24.00" O.D. x 0.750" THK.	42"	32"	2"	11 <sup>3</sup> / <sub>4</sub> "	3"	6'-6"	3 <sup>3</sup> / <sub>4</sub> " x 42" DIA.
24.00" O.D. x 1.000" THK.	42"	32"	2"	12 <sup>1</sup> / <sub>2</sub> "	3 <sup>1</sup> / <sub>4</sub> "	7'-6"	3 <sup>3</sup> / <sub>4</sub> " x 42" DIA.



**PLAN - BASE PLATE**



### NOTES:

- FOR DETAIL 1, ANCHOR BOLT EMBEDMENT LENGTHS, AND ANCHOR PLATE PLAN, REFER TO APPROPRIATE 800 SERIES STANDARD PLATE.
- ALL ANCHOR BOLTS SHALL BE PLUMB AFTER FOUNDATION INSTALLATION. STEEL TEMPLATE PLATE SHALL BE USED TO SET ANCHOR BOLTS
- BASE PLATE SHALL BE IN FULL CONTACT WITH ALL FLAT WASHERS.
- ALL ANCHOR BOLT NUTS SHALL BE TIGHTENED USING TURN OF NUT METHOD. (30° min to 45° max turn after snug tight)
- GROUT SHALL NOT BE PLACED BETWEEN THE BASE PLATE AND CONCRETE BASE.
- FOR ADDITIONAL ANCHOR BASE DETAILS AND DATA REFER TO APPROPRIATE 800 SERIES STANDARD PLATE.
- FOR FOUNDATION DETAILS REFER TO APPROPRIATE 800 SERIES STANDARD PLATE.

SPECIFICATION  
803

CATEGORY CODE ITEMS

APPROVED

DIRECTOR - OFFICE OF TRAFFIC AND SAFETY



APPROVAL • SHA REVISIONS	APPROVAL • FEDERAL HIGHWAY ADMINISTRATION
APPROVAL 8-12-02	APPROVAL 9-4-02
REVISED	REVISED
REVISED	REVISED
REVISED	REVISED

## Maryland Department of Transportation STATE HIGHWAY ADMINISTRATION

STANDARDS FOR HIGHWAYS AND INCIDENTAL STRUCTURES

### BOX TRUSS CANTILEVER SIGN STRUCTURES POLE ANCHOR BASE DETAILS / DATA

**STANDARD NO.**

**MD 803.06-11**